Index of Claims

| App | licatio | n/Co | ntrol | No. |
|-----|---------|------|-------|-----|
|     |         |      |       |     |

10/666,650

Examiner

**Kuo-Liang Peng** 

Applicant(s)/Patent under Reexamination

CHEN ET AL.

Art Unit

1712

| √  | Rejected |
|----|----------|
| 11 | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla       | aim      |                 |                 | Da              | ate      |                  |                                    | Cla                                              | im       |                 |          |         | Date     |               |                 |           | С          | aim        |                                                  |              | [               | ate             |          |        |        |
|-----------|----------|-----------------|-----------------|-----------------|----------|------------------|------------------------------------|--------------------------------------------------|----------|-----------------|----------|---------|----------|---------------|-----------------|-----------|------------|------------|--------------------------------------------------|--------------|-----------------|-----------------|----------|--------|--------|
|           | al       | (0              |                 |                 |          |                  |                                    |                                                  | 의        |                 |          |         |          |               |                 |           |            | <u>-a</u>  |                                                  |              |                 |                 |          |        |        |
| Final     | Original | 9/15/06         |                 |                 |          |                  |                                    | Final                                            | Original |                 |          |         |          |               | 1 1             |           | Final      | Original   |                                                  | 1 !          |                 | I               |          |        | 1      |
| 🗓         | اجّ      | 9/1             |                 |                 |          |                  |                                    | ίĒ                                               | Į.       |                 |          |         | i I      |               | 1 1             |           | ΙŒ         | ਨੂੰ        | l                                                |              |                 | - 1             |          |        |        |
|           |          |                 |                 |                 |          | 11               |                                    |                                                  |          | $\Box$          | 4        | $\perp$ | $\sqcup$ | _             | $\bot$          | _ :::     |            | j          | _ _                                              | $\perp$      |                 |                 | 4        | $\bot$ | 4_     |
| $\square$ | 1        | N               |                 | _               |          | $\bot \bot$      |                                    |                                                  | 51       | _               | _        |         | $\sqcup$ |               | +               | _         |            | 101        |                                                  |              | $\dashv$        | $\dashv$        | _        | 4      | 4      |
|           | 2        | N               |                 | _               | $\perp$  | $\perp \perp$    |                                    |                                                  | 52       |                 | $\perp$  | _       | Ш        |               | $\perp \perp$   | _         |            | 102        |                                                  |              | _               | _               |          | 4      | 4_     |
|           | 3        | N               |                 |                 | _        | $\sqcup$         | $\perp$                            |                                                  | 53       | _               | _        | 4       | $\vdash$ | _             | +               |           |            | 103        |                                                  | -            |                 | -               | -        | +      | ┼      |
|           | 4        | <b> </b>        | $\dashv$        | -               |          | +                | $\bot$                             |                                                  | 54       | _               | _        |         | $\vdash$ |               | +               |           | <u> </u>   | 104        | _                                                | +            | $\vdash$        | $\dashv$        | -        | +-     | ₩      |
|           | 5        | -               |                 | _               |          |                  | $\dashv$                           |                                                  | 55       | $\rightarrow$   | +        | -       | $\vdash$ |               | ++              |           |            | 105        |                                                  | 1            | $\vdash$        |                 | -        | +      | -      |
|           | 6        | +               |                 | $\dashv$        | +        | ++               | $\dashv$                           |                                                  | 56       | $\vdash$        | +        |         | +        | -             | +               |           |            | 106        | <del></del>                                      | _            | $\dashv$        | -               |          |        | —      |
|           | 7        | +               | $\dashv$        | -               | - -      | ╁┼               |                                    |                                                  | 57       | $\vdash$        |          |         | ┦        | _             | +               |           |            | 107<br>108 | _                                                | +            | $\dashv$        |                 |          | +      | +      |
| -         | 8        | ₩               |                 | -               |          | 1                |                                    |                                                  | 58<br>59 | $\vdash$        |          |         | +        |               | +               |           |            | 108        |                                                  | +-           | $\dashv$        | $\dashv$        | -        | +      | ₩      |
| -         | 9<br>10  | V               |                 |                 |          | ╂═┼              | $\dashv$                           |                                                  | 60       |                 | +        | +       | +        | +             | ++              |           |            | 110        |                                                  | +            | $\vdash$        | $\dashv$        | -        | +      | +      |
| -         | 34       | $\dashv$        |                 | $\dashv$        |          | +                | $\dashv\dashv$                     |                                                  | 61       | $\dashv$        |          | +-      | +        | $\dashv$      | ++              |           |            | 1111       |                                                  | +            | -               | -               |          | +      | +      |
|           | 12       | 1               | +               |                 | +        | ++               | $\dashv\dashv$                     | <del></del>                                      | 62       |                 | $\dashv$ | +       | +        | $\dashv$      | ++              |           | *          | 112        |                                                  | +            | $\vdash \vdash$ | -               |          | +      | +-     |
| -         | 13       | H               | +               |                 |          | +                | $\dashv\dashv$                     |                                                  | 63       | $\vdash$        | +        | +       | +        | +             | ++              | - :::     | -          | 113        |                                                  | +            | $\vdash$        | <del>   </del>  |          | +      | +      |
| $\vdash$  | 14       | $\forall$       | $\dashv \dashv$ | $\dashv$        | +-       | +                | $\dashv$                           |                                                  | 64       | -               | +        | +       | +        | +             | +               | -         |            | 114        | <del></del>                                      | +            | $\vdash$        | $\dashv$        | +        | +      | +      |
|           | 15       | 1               | $\dashv$        | $\dashv$        | +        | 1-1              | $\dashv\dashv$                     | _                                                | 65       | $\vdash$        | $\dashv$ | +       | H        | +             | +               |           |            | 115        | $\vdash$                                         | +-           |                 | $\vdash$        | +        | +      | +      |
| +         | 16       | N               | +               | $\dashv$        | _        | +                | $\dashv \dashv$                    |                                                  | 66       | $\vdash$        | $\dashv$ | $\top$  | T        | _             | 1 1             | -         |            | 116        | $\vdash$                                         |              | H               | $\dashv$        | $\top$   | +      | +      |
|           | 17       | N               | _               | $\dashv$        |          | 1 1              | $\dashv \dashv$                    |                                                  | 67       | H               | 十        | $\top$  | $\Box$   |               | +               |           |            | 117        |                                                  | $\top$       | П               |                 | $\dashv$ | 7      | 1      |
|           | 18       | N               | -               |                 | 1        | 11               | $\dashv$                           |                                                  | 68       | Н               | $\top$   | 十       | 1        | $\dashv$      | 17              | -         |            | 118        |                                                  | _            |                 |                 | $\neg$   | $\top$ | 1      |
|           | 19       | N               | $\Box$          | -               |          | T                | $\Box$                             |                                                  | 69       | H               | 1        | +       | $\top$   | $\neg \vdash$ | 11              |           |            | 119        |                                                  | $\top$       |                 |                 |          | $\top$ | $\top$ |
|           | 20       | N               | _               | $\neg$          |          | tt               | $\dashv \dashv$                    |                                                  | 70       |                 |          |         |          |               |                 | -         |            | 120        |                                                  | $\top$       |                 |                 | $\dashv$ | $\top$ | $\top$ |
|           | 21       | N               |                 | $\top$          | 1        | $\Box$           | $\neg$                             |                                                  | 71       | М               | $\neg$   |         |          |               | 11              |           |            | 121        |                                                  | 1            | П               |                 |          | $\top$ | 1      |
|           | 22       | N               |                 | $\neg$          |          |                  |                                    |                                                  | 72       | П               | $\neg$   | ┪       | 1        |               | $\Box$          |           |            | 122        |                                                  | 1            |                 |                 | $\neg$   | T      | 1      |
|           | 23       | N               | $\neg$          |                 |          |                  |                                    |                                                  | 73       | П               | 丁        |         | $\top$   |               |                 |           |            | 123        |                                                  | T            |                 |                 |          |        |        |
|           | 24       | N               |                 |                 |          | 11               | $\sqcap$                           |                                                  | 74       | П               | $\neg$   |         | $\Box$   |               |                 |           |            | 124        |                                                  | T            |                 |                 |          |        |        |
|           | 25       | N               | $\neg \neg$     |                 |          |                  |                                    |                                                  | 75       | П               |          |         |          |               |                 |           |            | 125        |                                                  |              |                 |                 |          |        | $\top$ |
|           | 26       | N               |                 |                 |          |                  |                                    |                                                  | 76       |                 |          |         |          |               |                 |           |            | 126        |                                                  | L            |                 |                 |          |        |        |
|           | 27       | N               |                 |                 |          |                  |                                    |                                                  | 77       |                 |          |         |          |               |                 |           |            | 127        |                                                  |              |                 |                 |          |        |        |
|           | 28       | N               |                 |                 |          |                  |                                    |                                                  | 78       |                 |          |         |          |               |                 | _         |            | 128        |                                                  |              |                 | Ш               |          |        | $\bot$ |
|           | 29       | N               |                 |                 | $\perp$  | 1                | $\perp \! \! \perp \! \! \! \perp$ |                                                  | 79       | Ш               | _        |         |          |               | $\perp$         | _         | L          | 129        |                                                  |              |                 | Ш               |          | _      |        |
|           | 30       | N               | $\bot$          |                 | $\perp$  | $\perp \perp$    | $\perp$                            |                                                  | 80       | Ш               |          |         | Ц.       |               | 1_1             | _         | <u> </u>   | 130        |                                                  | ┸            |                 | Ш               | _        |        |        |
|           | 31       | N               | $\perp$         | $\perp$         |          | 11.              | $\dashv$                           |                                                  | 81       | Ш               | 4        |         | _        | _             | 1-1             | _         |            | 131        |                                                  | 1_           | Ш               |                 |          | _      | 4      |
|           | 32       | N               | _ _             |                 | $\perp$  | $\Box$           | $\bot$                             | <u> </u>                                         | 82       | $\sqcup$        | $\perp$  | _       | _        | _             | 11              |           | <u> </u>   | 132        | $\vdash \vdash$                                  | 4_           | Щ               | $\sqcup$        | $\dashv$ | 4      | +      |
| <u></u>   | 33       | N               |                 |                 | +        | <b>↓</b>         |                                    | <u> </u>                                         | 83       | $\vdash \vdash$ | _        | - -     | -        | -             | ++              |           | <u> </u>   | 133        | $\vdash \vdash$                                  | -            | $\vdash$        | $\vdash \vdash$ | $\dashv$ |        | +-     |
| <u></u>   | 34       | 2               | -               |                 | -        | +                | $\dashv$                           | <u> </u>                                         | 84       | $\vdash$        | $\dashv$ | 4       | -        |               | <del>  - </del> |           | <u> — </u> | 134        |                                                  | +            | Н               | $\vdash \vdash$ | +        | +      | +      |
|           | 35       | N               | -               | $\dashv$        |          | ++               | $\dashv\dashv$                     | <u> </u>                                         | 85       | $\vdash \vdash$ | +        |         | +-       |               | +-+             |           | <u> — </u> | 135        | $\vdash\vdash$                                   | +            | Н               | $\vdash \vdash$ | -+       | +      | +-     |
|           | 36       | N               | $\dashv$        |                 | - -      | +                | $\dashv$                           | <u> </u>                                         | 86       | $\vdash$        | -        | +       | +        |               |                 |           | <u> — </u> | 136        |                                                  | +            | $\vdash$        | $\vdash$        | +        | +      | +      |
|           | 37       | N               |                 | +               |          | ╁╌╂              | $\dashv$                           | <u> </u>                                         | 87       |                 | +        | +       | +        |               | ┯               |           | <u> </u>   | 137        | $\vdash\vdash$                                   | +-           | $\vdash$        | $\vdash\vdash$  | +        | +-     | +-     |
| <u> </u>  | 38<br>39 | N               | - -             | +               | $\dashv$ | ╁┈┼              | $\dashv$                           | <u> </u>                                         | 88<br>89 |                 |          |         | +        |               | ┿               |           | $\vdash$   | 138<br>139 |                                                  | -            | $\vdash$        | $\vdash \vdash$ | +        | +      | +      |
| -         | 40       | N               | -               | +               | +        | ╂╌╂              | $\dashv$                           | $\vdash$                                         | 90       | $\mid - \mid$   | +        | +       | +        |               | ╅╾┼             |           | $\vdash$   | 140        | <del>                                     </del> | +            | $\vdash$        | $\vdash$        | $\dashv$ | +      | +-     |
| <u> </u>  | 41       | N               | $\dashv\dashv$  |                 |          | +                | $\dashv\dashv$                     | <u> </u>                                         | 91       | $\vdash$        | +        |         | +-       | +-            | ╂═┼             |           | $\vdash$   | 141        | $\vdash$                                         | +            | $\vdash$        | $\vdash \vdash$ | $\dashv$ | +      | +      |
| $\vdash$  | 42       | 1.4             |                 | +               | +        | ╁┼               | $\dashv\dashv$                     | <del> </del>                                     | 92       | $\vdash$        | +        | +       | +-       |               | +-+             | $\dashv$  | <b></b>    | 142        | $\vdash \vdash$                                  | +            | $\vdash$        | $\vdash \vdash$ | $\dashv$ | +      | +      |
| $\vdash$  | 43       | $\vdash$        |                 | +               | +        | +-+              | $\dashv\dashv$                     | $\vdash$                                         | 93       | -               | +        | +       | +        | $\dashv$      | +-+             | -         | <b>—</b>   | 143        | $\vdash$                                         | +            | Н               | $\vdash$        | $\dashv$ | +      | +      |
| <b>—</b>  | 44       | $\vdash$        | $\dashv\dashv$  | -+              | +        | + +              | +                                  | <del>                                     </del> | 94       | $\vdash$        | $\dashv$ |         | +-       | $\dashv$      | ++              | $\dashv$  | <b></b> -  | 144        | $\vdash\vdash$                                   | +            | H               | H               | $\dashv$ | +      | +      |
|           | 45       | $\vdash \vdash$ | +               | $\dashv$        | +        | + +              | $\dashv \dashv$                    | $\vdash$                                         | 95       |                 | +        | +       | $\top$   | +-            | +-+             | $\dashv$  |            | 145        | $\vdash$                                         | +            | Н               | Н               | 十        | +      | +      |
|           | 46       | $\vdash$        | $\dashv$        | $\vdash$        | +        | + +              | $\dashv \dashv$                    | <del></del>                                      | 96       | $\vdash$        | $\top$   | $\top$  | T        |               | 1-1             |           | $\vdash$   | 146        |                                                  | $\top$       | Н               | Н               | $\dashv$ | +      | +      |
|           | 47       | $\vdash$        | $\dashv \dashv$ | $\dashv$        | $\top$   | † †              | $\dashv \dashv$                    |                                                  | 97       | $\vdash$        | $\dashv$ | -†      | 1        | $\neg$        | † †             | -         |            | 147        | $\vdash$                                         | 1            |                 | $\Box$          | $\top$   | $\top$ | $\top$ |
|           | 48       | $\vdash$        | $\top$          | 1               | $\neg$   | 11               | $\dashv \dashv$                    | <b></b>                                          | 98       | П               | $\dashv$ | +       | T        |               | 11              | -         |            | 148        | $\vdash$                                         | 1            | П               | $\Box$          | $\dashv$ | $\top$ | $\top$ |
|           | 49       | $\vdash$        | $\dashv$        | $\neg \uparrow$ | $\top$   | 11               | $\dashv \dashv$                    |                                                  | 99       | $\sqcap$        | 十        | +-      |          | $\neg$        | 11              | $\exists$ |            | 149        | $\sqcap$                                         | $\top$       | П               | П               | $\neg$   | 十      |        |
|           | 50       |                 |                 |                 |          | $\perp \uparrow$ |                                    |                                                  | 100      |                 |          |         | Ι        |               |                 |           |            | 150        |                                                  | $oxed{oxed}$ |                 |                 |          | 丁      |        |